

Figure 2

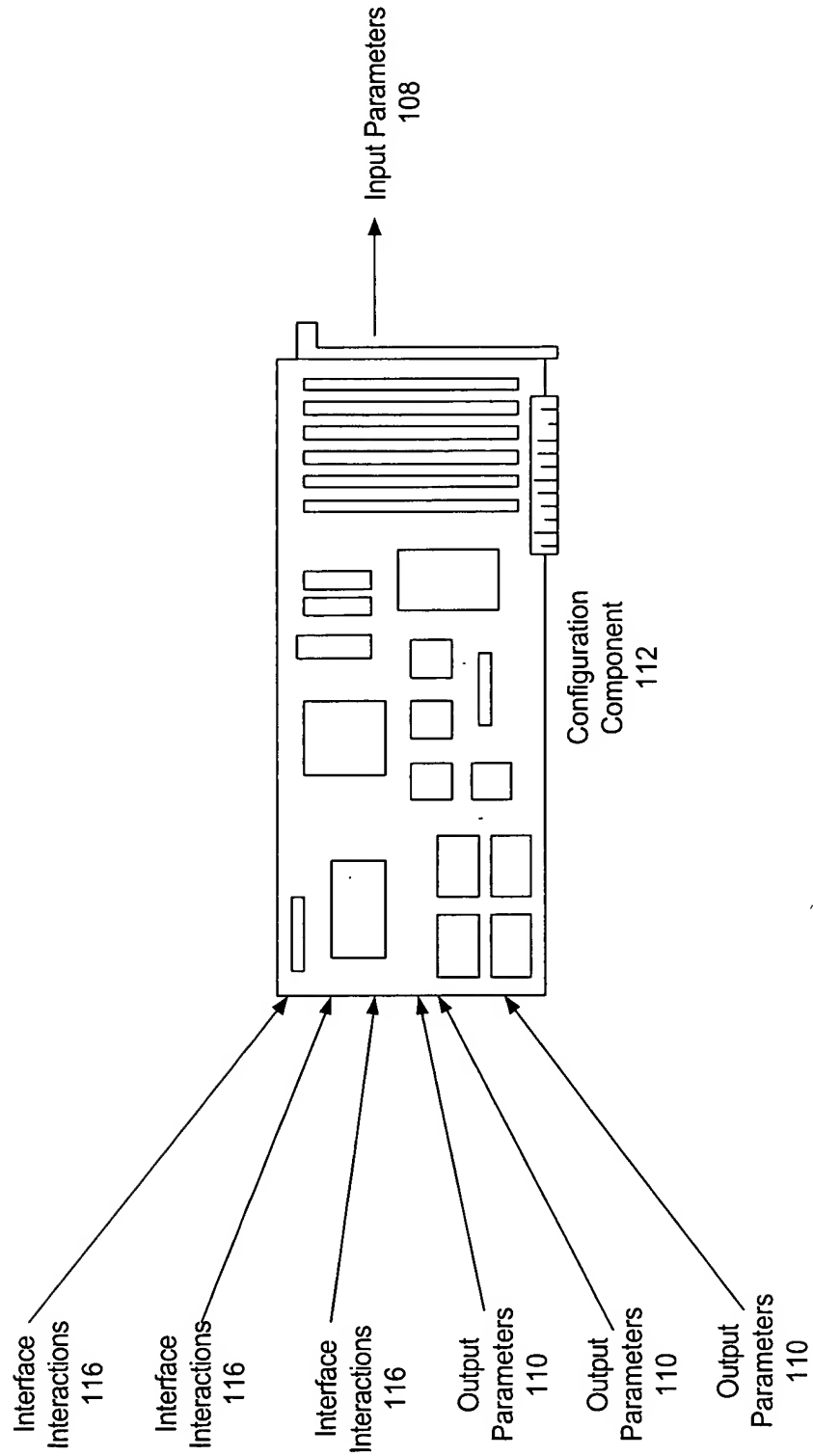


Figure 3

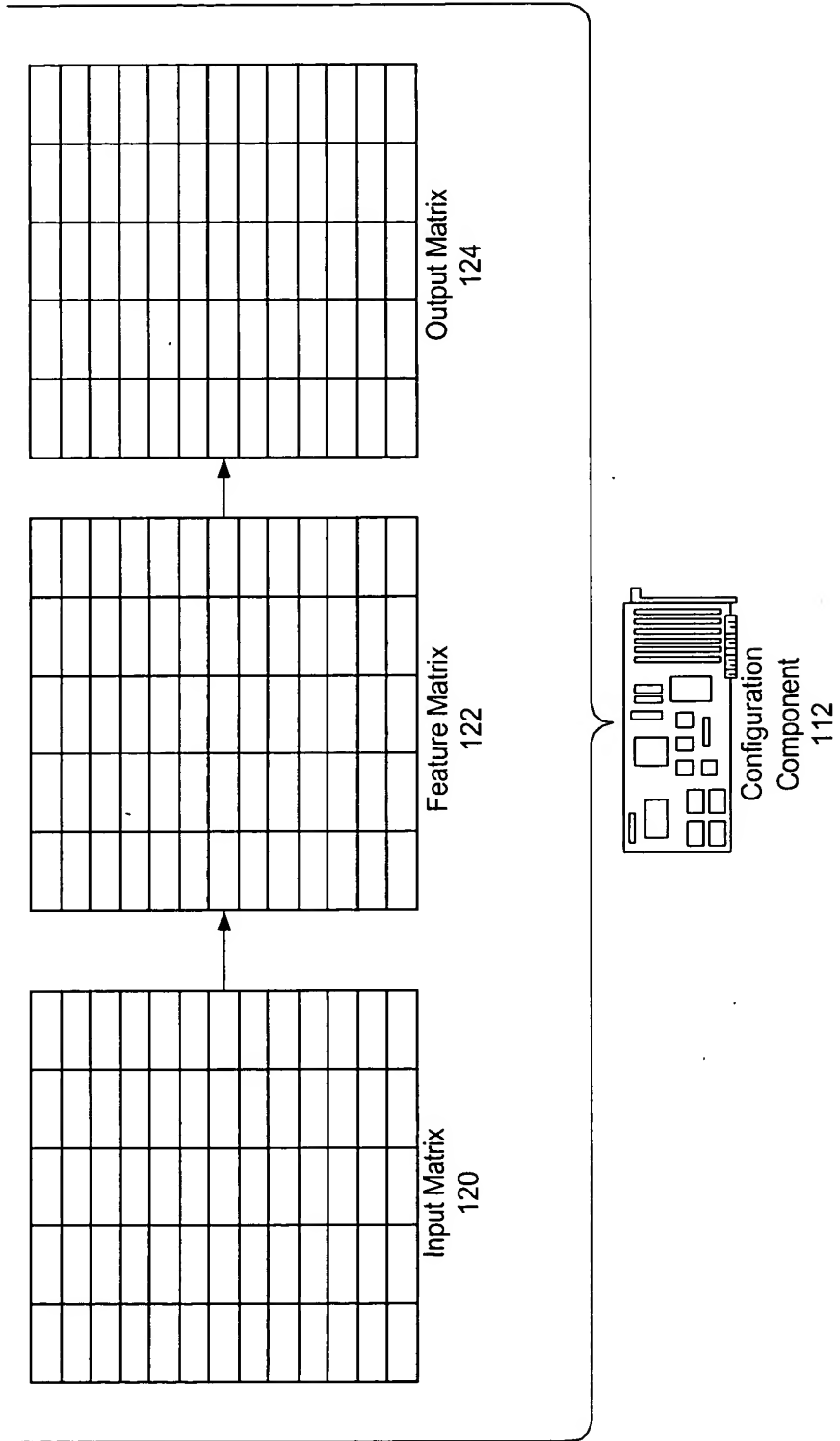


Figure 4

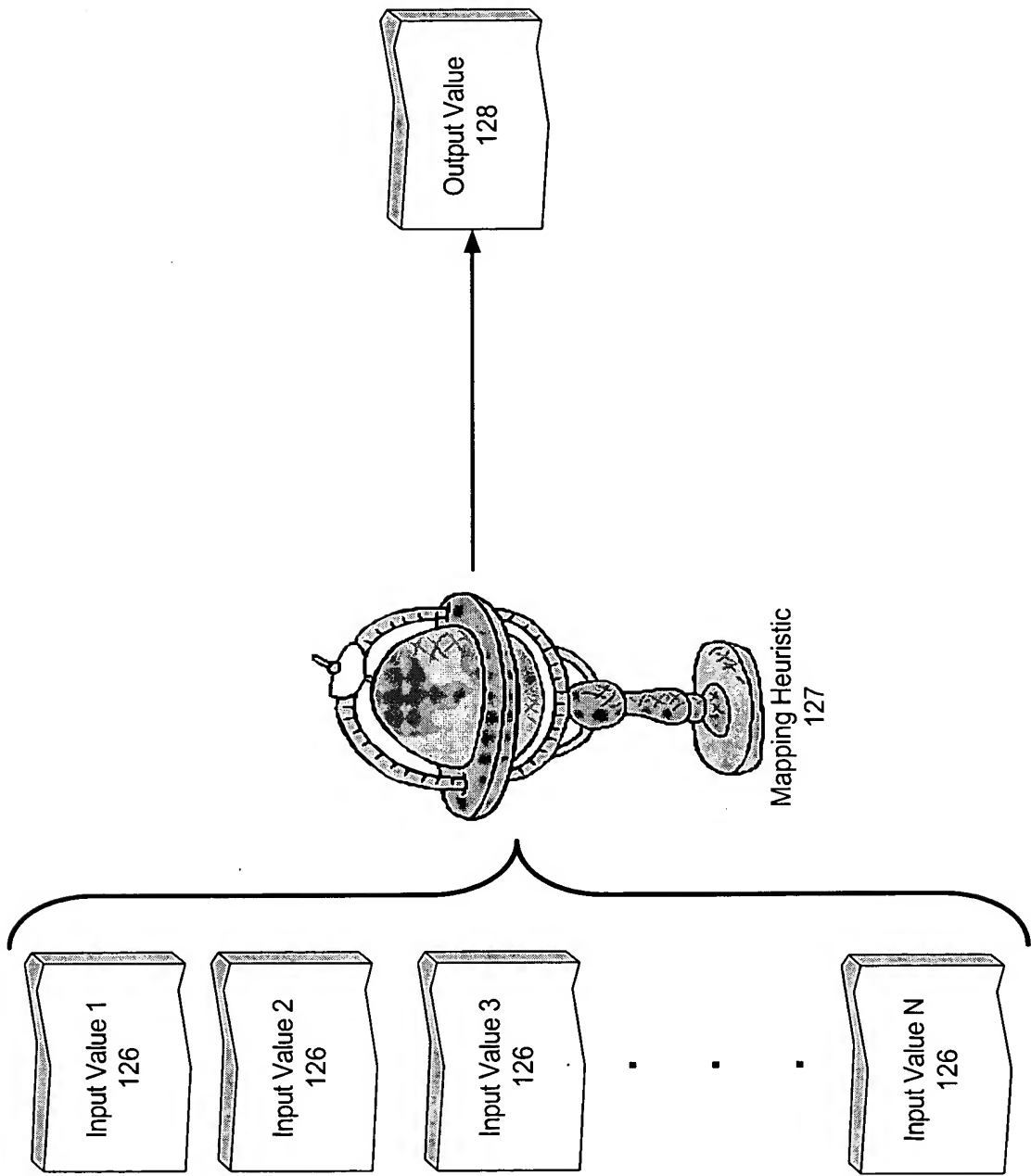


Figure 5

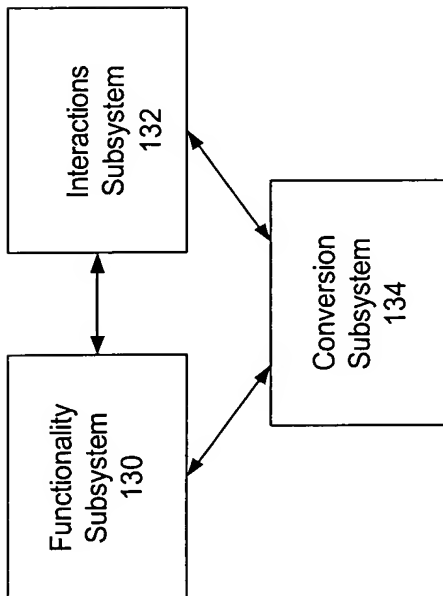


Figure 6

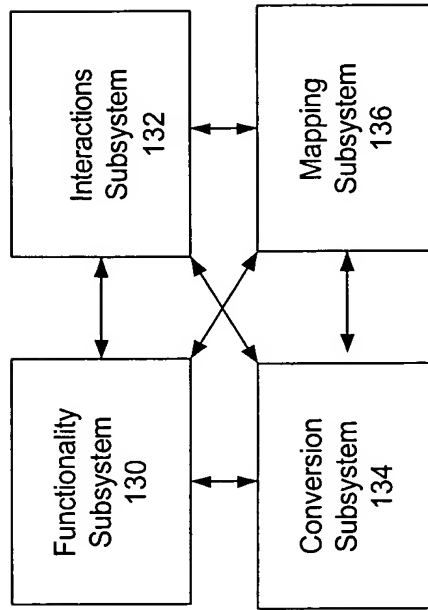


Figure 7

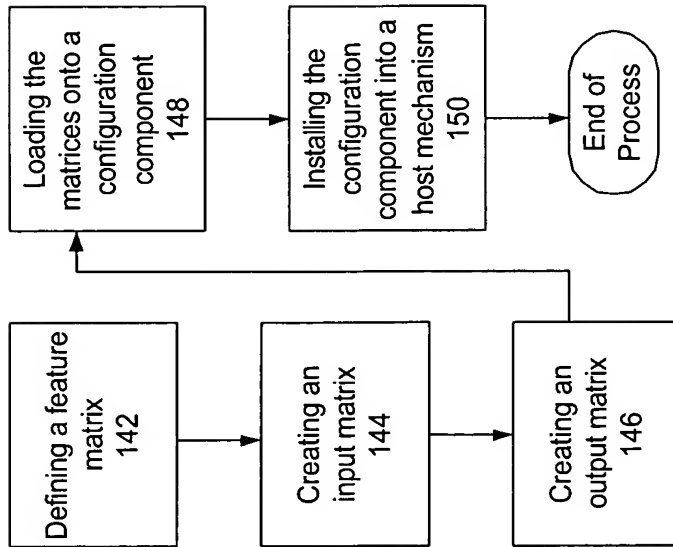


Figure 8

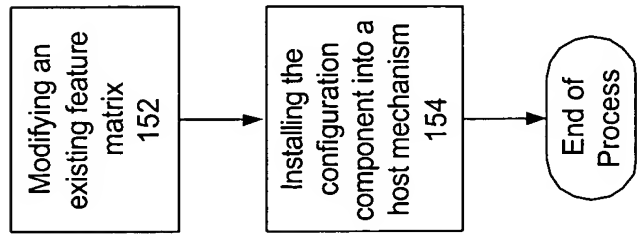


Figure 9

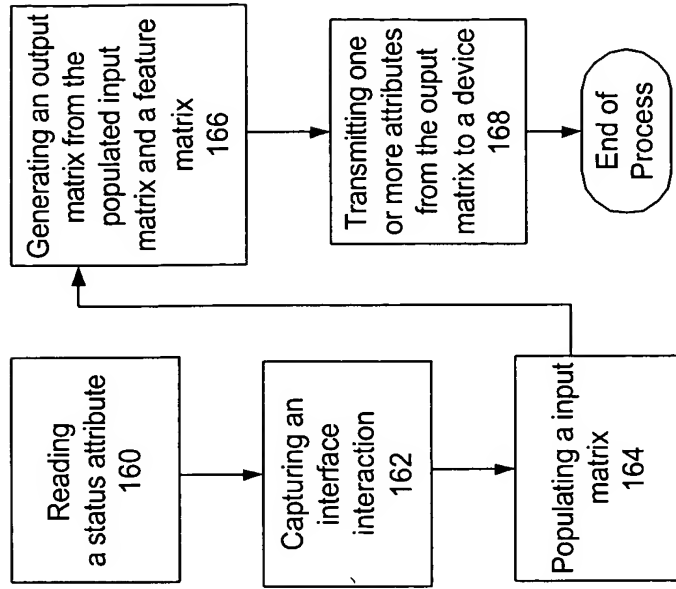
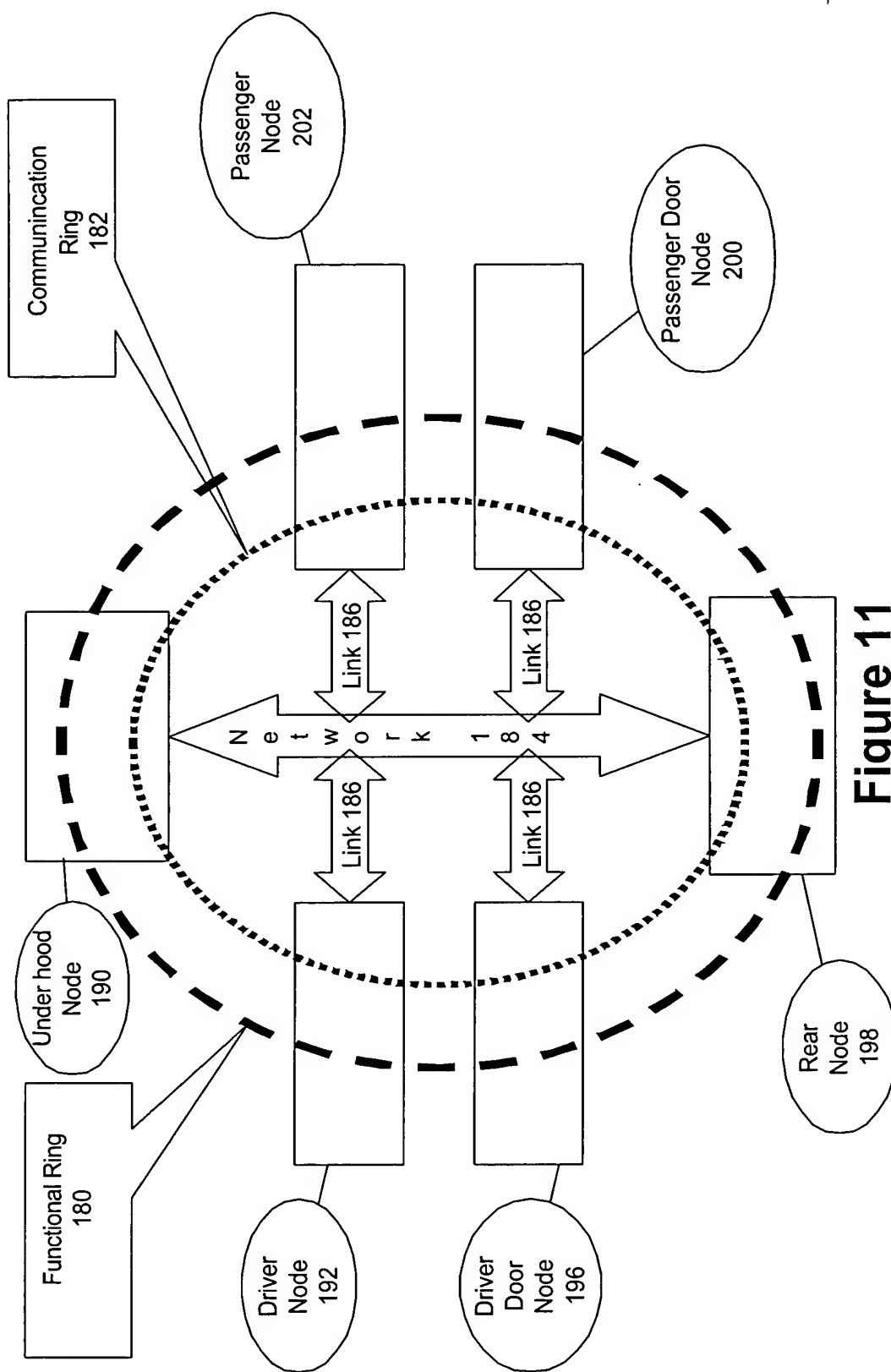


Figure 10



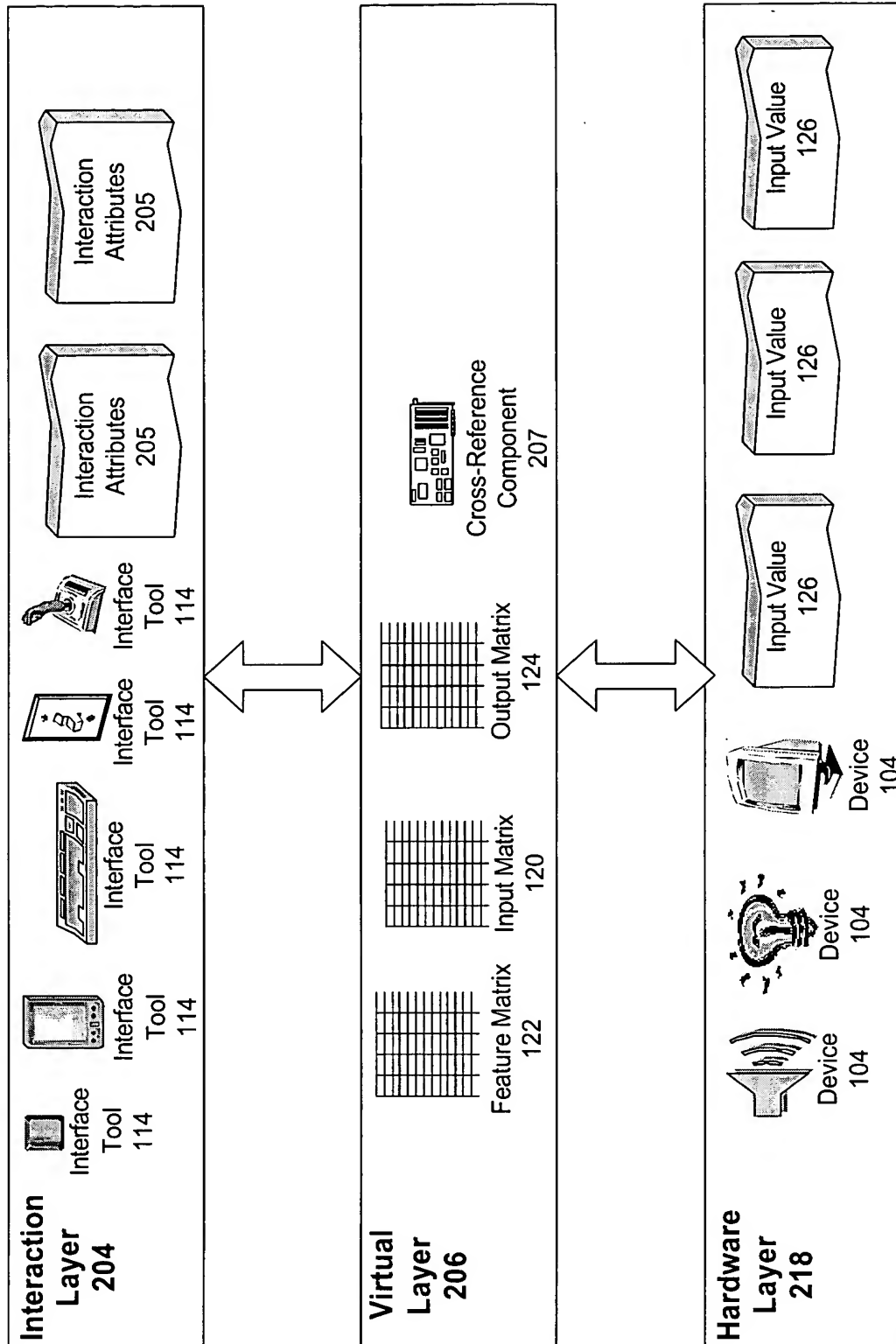


Figure 12

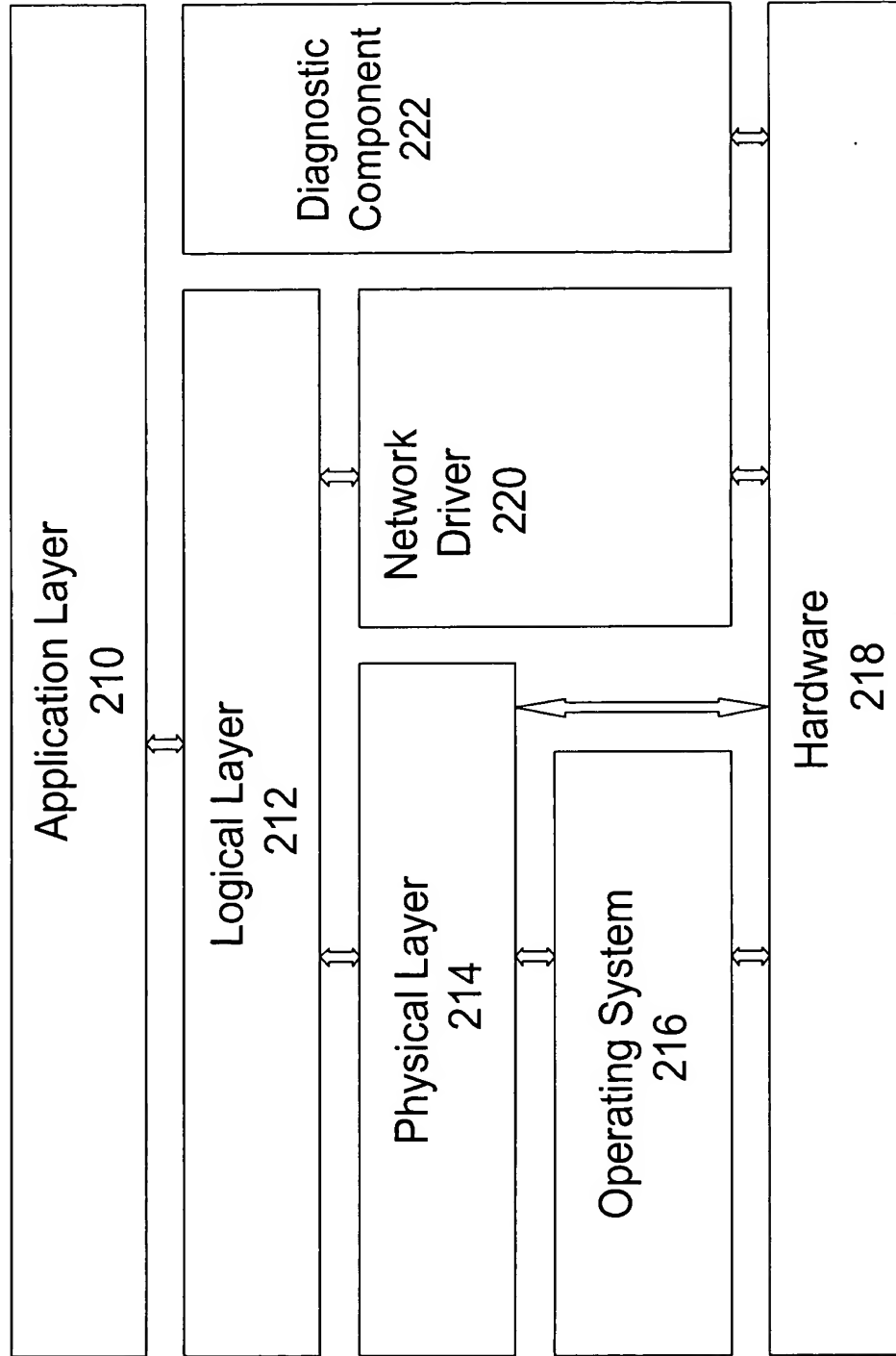


Figure 13

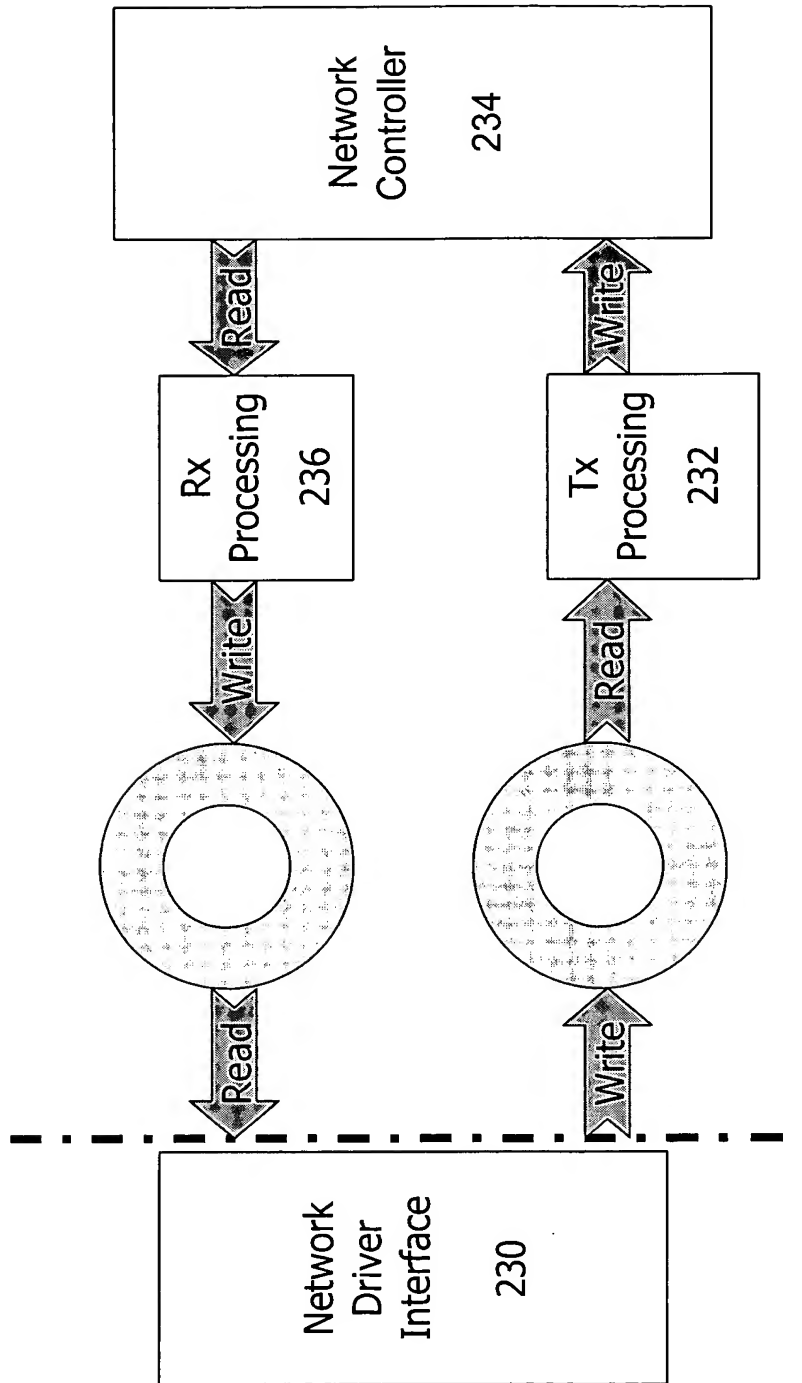


Figure 14

Input				BIT
3rd	2nd	1st	LSMA_HornOut	
				0
				1
				2
				3
				4
				5
				6
				7
RKE_Unlock_IN	RKE_lock_IN	LSMA_Horn_IN	LSMA_HornOut	
0	0	0	0	
0	0	1	1	
0	1	0	1	
0	1	1	1	
1	0	0	1	
1	0	1	1	
1	1	0	1	
1	1	1	1	

Figure 15

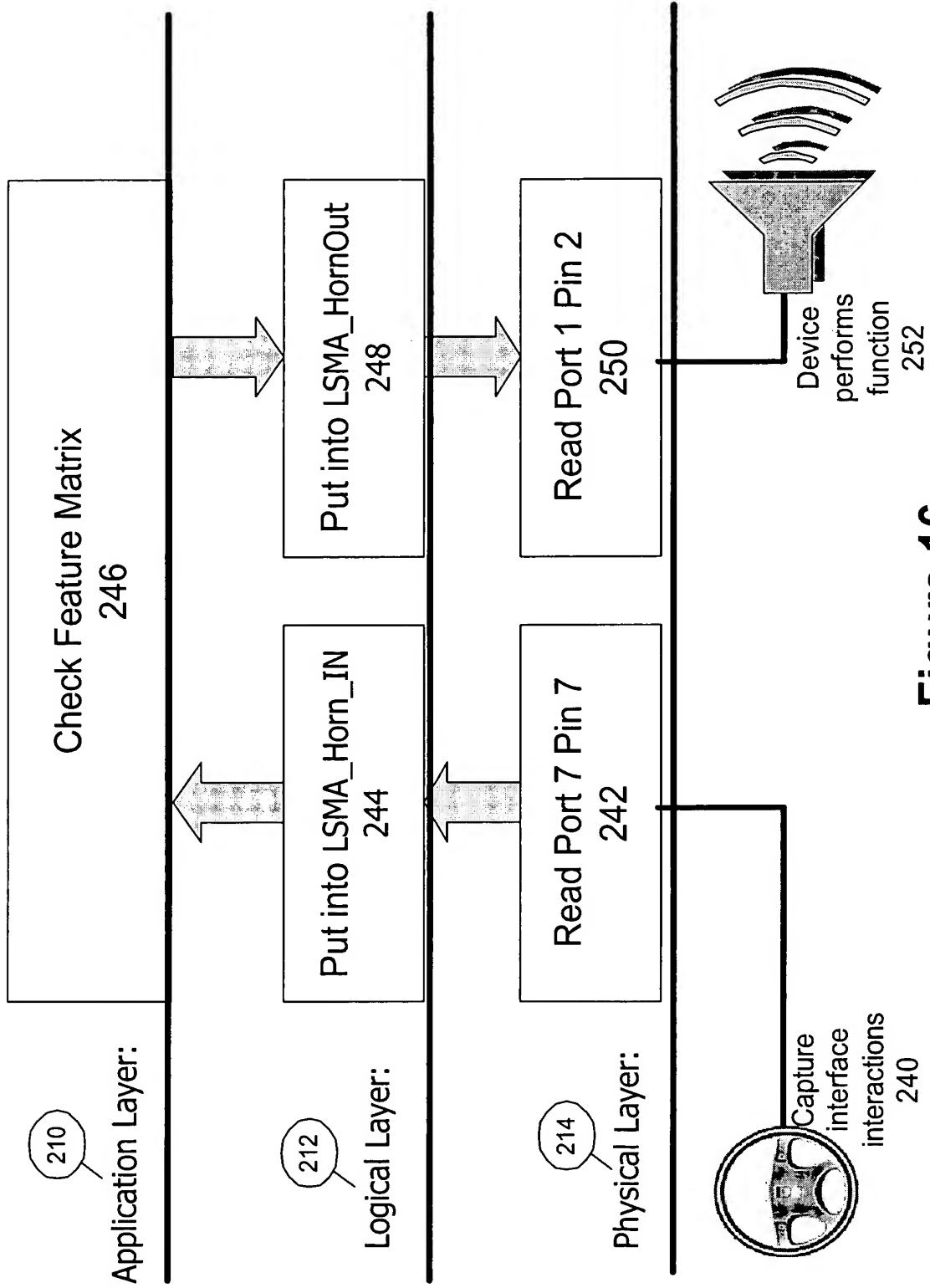


Figure 16

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```

const PortPinTypeDef DigInPinTbl[TotDigInNum]=
{
    /*
    /*-----*/
    PinDef(ActLow,7, 7, Dig_IN_TTL),
    PinDef(ActHigh,9, 0, Dig_IN_TTL),
    PinDef(ActHigh,9, 1, Dig_IN_TTL),
    PinDef(ActHigh,9, 4, Dig_IN_TTL),
};
/* LSMA_Horn_IN */
/* LSMA_IGN_ACC_IN */
/* LSMA_WasherOn_IN */
/* LSMA_HeadLampOn_IN */

```

Figure 17


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```

const PortPinTypeDef DigOutPinTbl[TotDigOutNum]=
{
    /*
    /*-----*/
    PinDef(ActHigh,1, 2, Dig_OUT_PP),
    PinDef(ActHigh,3, 3, Dig_OUT_PP),
    PinDef(ActHigh,4, 3, Dig_OUT_PP),
};
/*5 LSMA_HornOut */
/*6 LSMA_TrunkRelease */
/*7 LSMA_MF_Power_F12 */


```

Figure 18

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```
/* Input Table(gSmaITable) following name are used by Application layer */  
/*-----*/  
#define LSMA_Horn_IN LSMA_LogIn_17  
#define LSMA_IGN_ACC_IN LSMA_LogIn_18  
#define LSMA_WasherOn_IN LSMA_LogIn_19  
#define LSMA_HeadLampOn_IN LSMA_LogIn_20  
#define LSMA_Pre_Horn_IN LSMA_LogIn_21  
  
/* Following is CAN message input */  
#define LSMA_DDM_Door_Ajar LSMA_LogIn_39  
#define LSMA_DDM_Pre_Door_Ajar LSMA_LogIn_40  
#define LSMA_DDM_Door_Lock LSMA_LogIn_41  
#define LSMA_DDM_Door_Unlock LSMA_LogIn_42  
#define LSMA_PDM_Door_Ajar LSMA_LogIn_43
```

Figure 19

263 

```
/* In the output Table(gSmaOTable), following names are owned by Application layer */  
/*-----*/  
#define LSMA_HomOut LSMA_LogOut_6  
#define LSMA_TrunkRelease LSMA_LogOut_7  
#define LSMA_MF_Power_F12 LSMA_LogOut_8  
#define LSMA_Chime_State LSMA_LogOut_9  
  
/* Delay Index definition used for DelayOutIdx[] array */  
#define LSMA_Trunk_Release_idx 0 /* the first element in the array */  
#define LSMA_Hron_Output_idx 1 /* the first element in the array */
```

Figure 20

264 ↗
const BitTbl3In AppTbl2=
{
 BitTbl,
 InputNum3,
 RKE_Unlock_IN,
 RKE_lock_IN,
 LSMA_Horn_IN,
 LSMA_HornOut,
 /* Bit 7 6 5 4 3 2 1 0 */
 0xFE,
};
 /* 3rd */
 /* 2nd */
 /* 1st */
 /* Output ID */
 /* bit map start from here */
 /* 1, 1, 1, 1, 1, 1, 1, 0 */

Figure 21

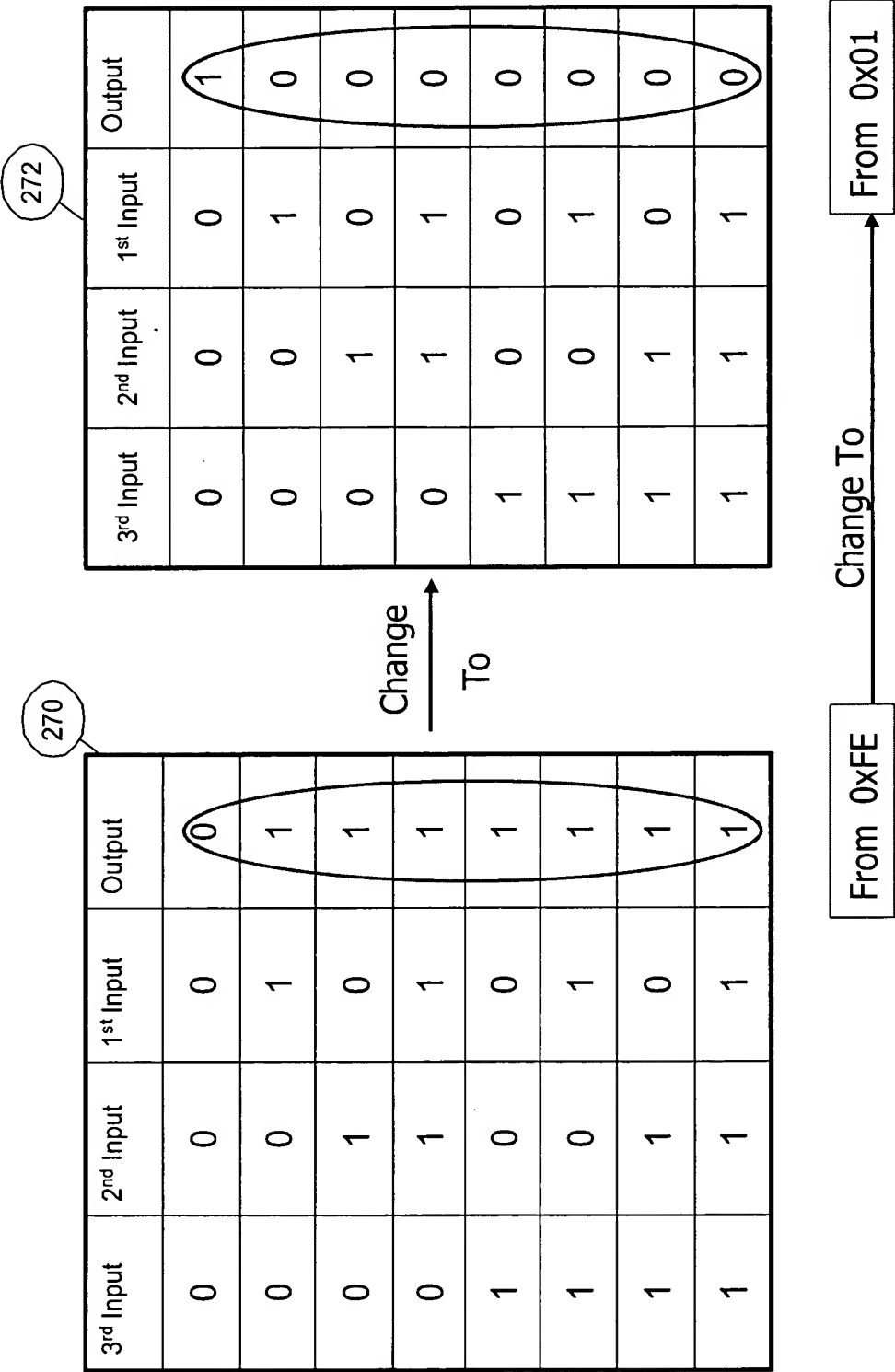


Figure 22

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```
LogicOutVal LogicTbl1Func(LogInVal* pInputValArray, LogicID OutputID)
{
    LogicOutVal RetVal=NoSetting; /* at application layer, do not set any value */
    if((pInputValArray[0]==ON)&& /*LSMA_VEH_SPEED_Zero==ON */
        ((pInputValArray[1]==ON)|| /*LSMA_RKE_Decklid_IN==ON or*/
        (pInputValArray[2]==ON))) /*LSMA_Decklis_Rel_IN==ON*/
    {
        ActivateDelOut(LSMA_Trunk_Release_idx, T960MS);
    };
    return RetVal;
};

const FuncTbl3In AppTbl1=
{
    FuncTbl, /* table type is function table */
    InputNum3, /* 3rd */
    LSMA_Decklis_Rel_IN, /* 2nd */
    LSMA_RKE_Decklid_IN, /* 1st lowest bit position */
    LSMA_VEH_SPEED_Zero, /* Output ID */
    LSMA_TrunkRelease, /* logical function address */
    LogicTbl1Func,
};
```

Figure 23

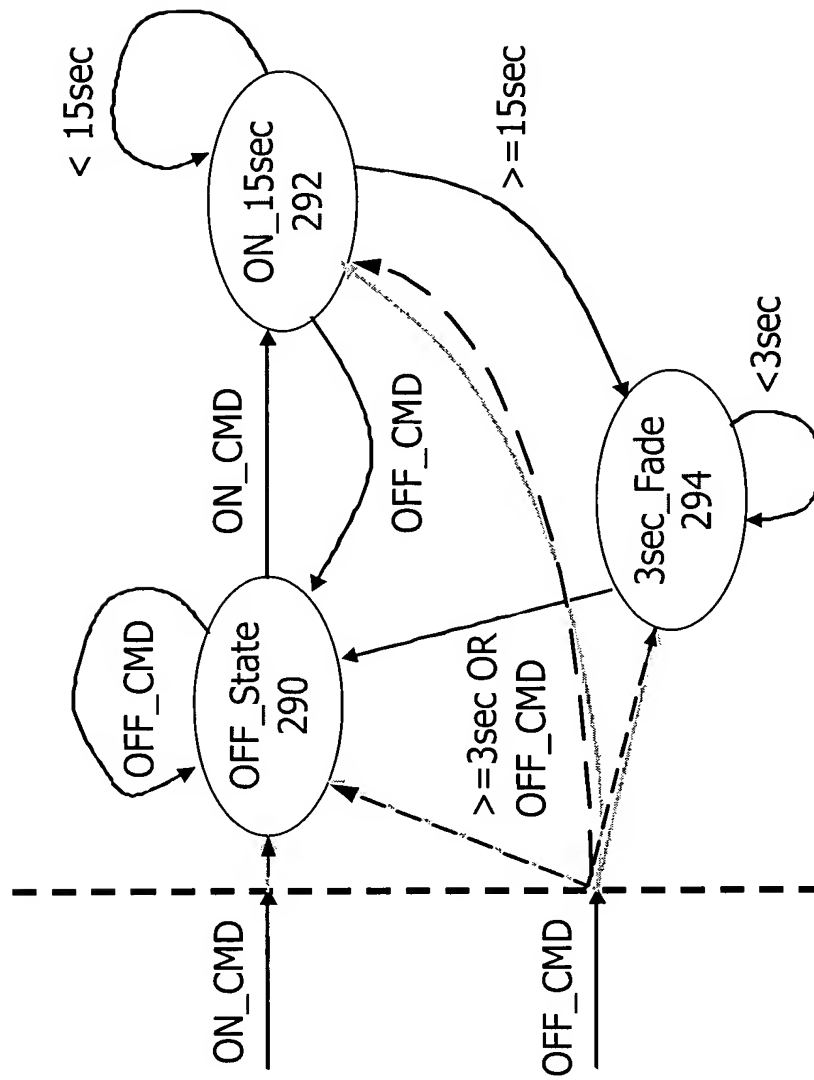


Figure 24

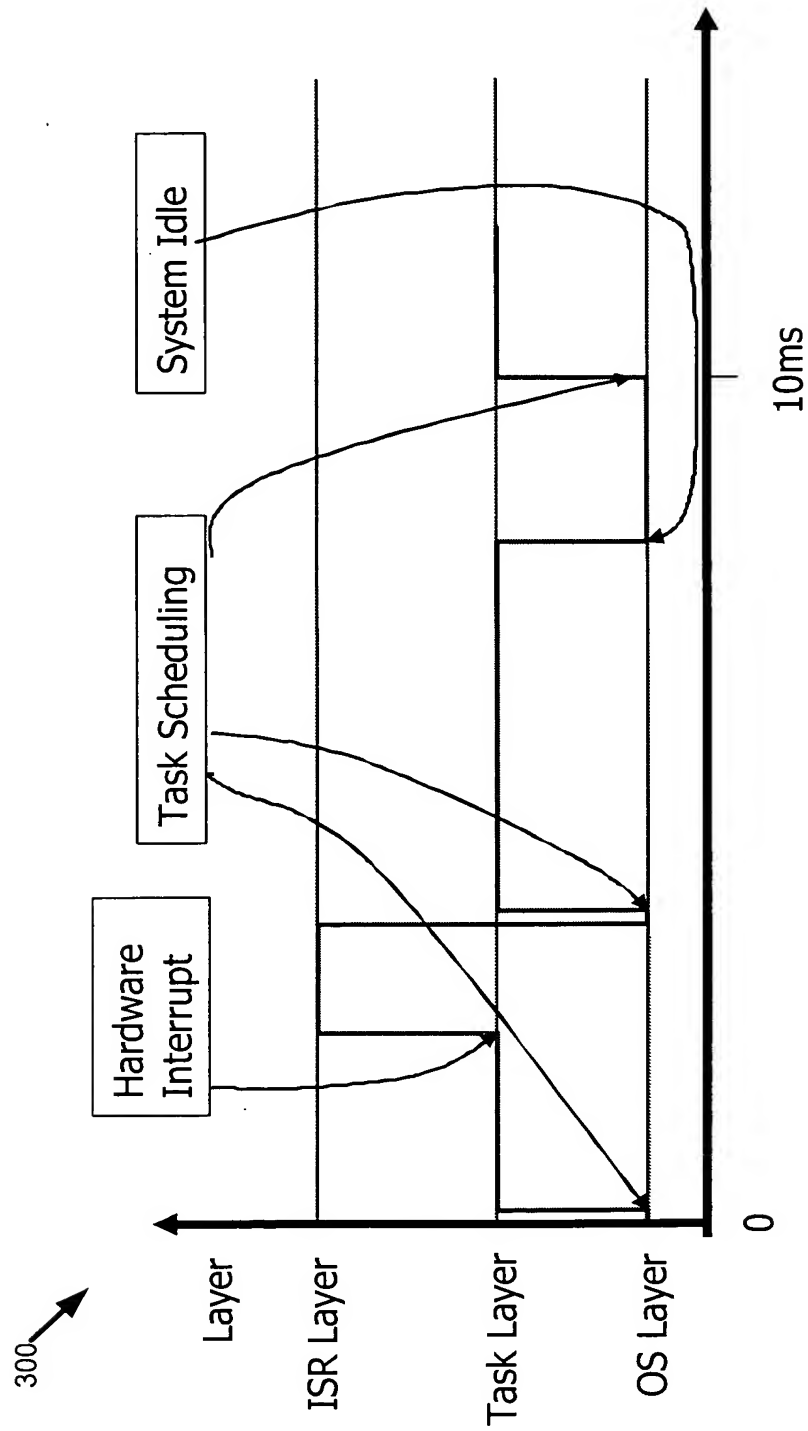


Figure 25

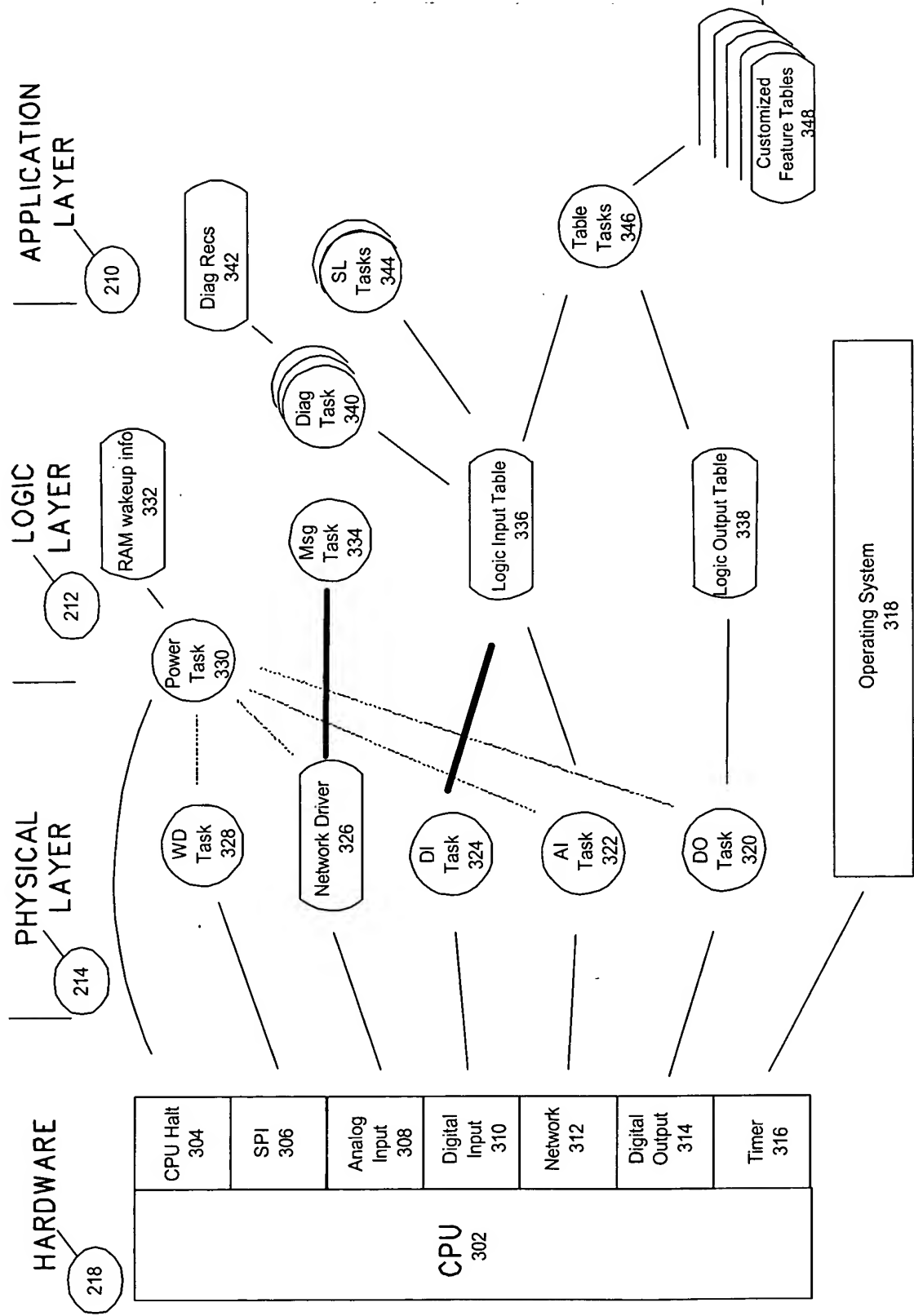


Figure 26

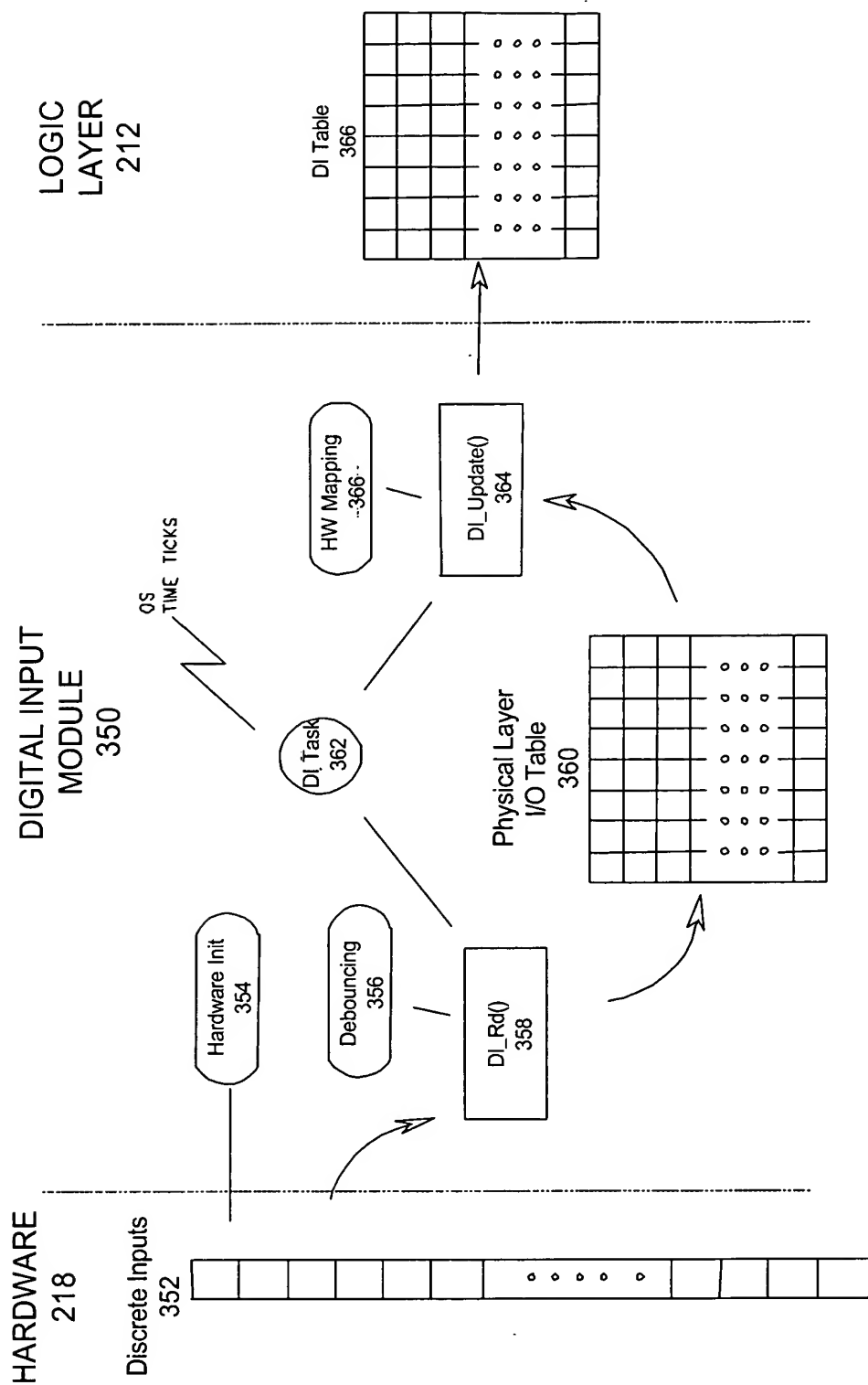


Figure 27

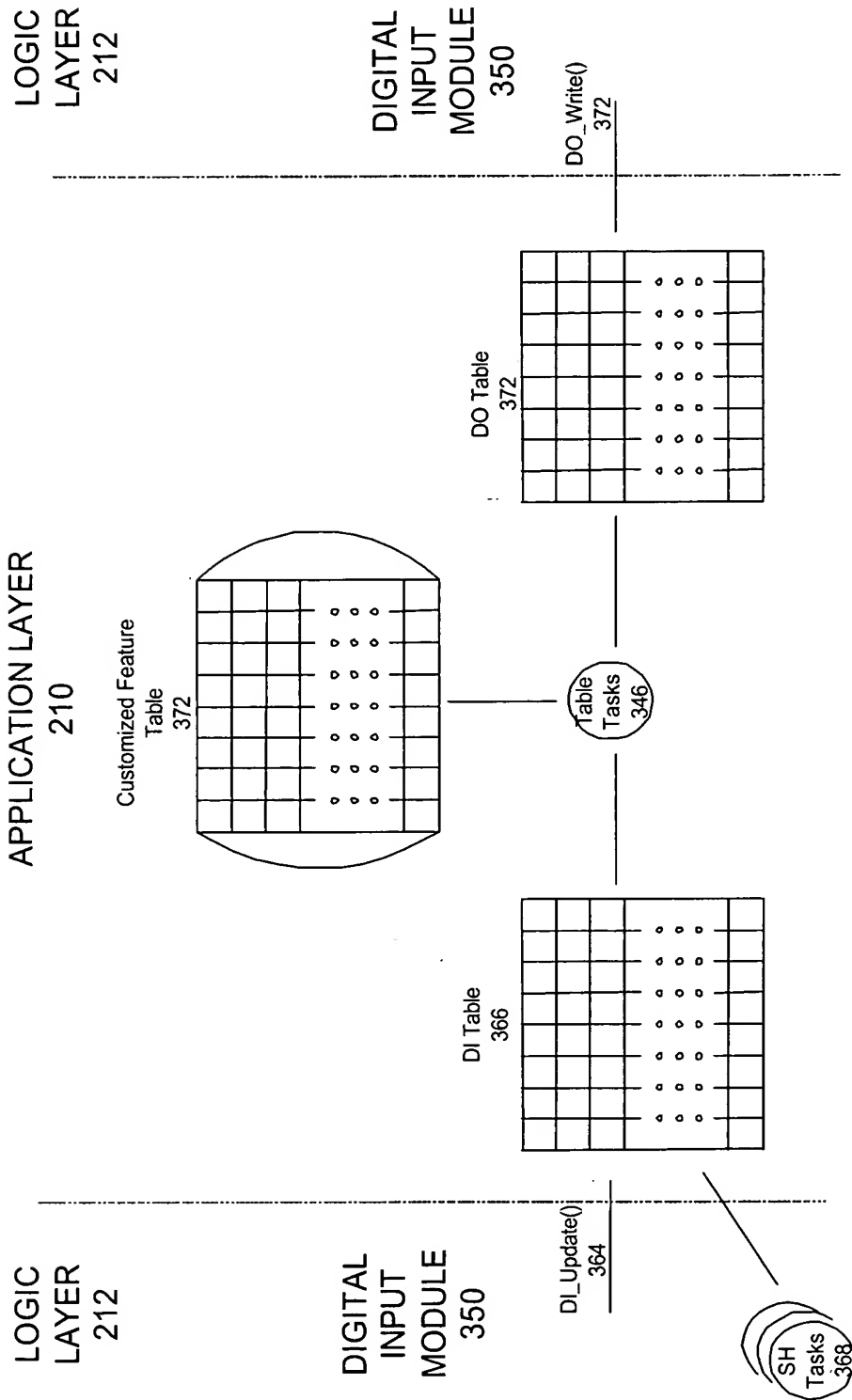


Figure 28

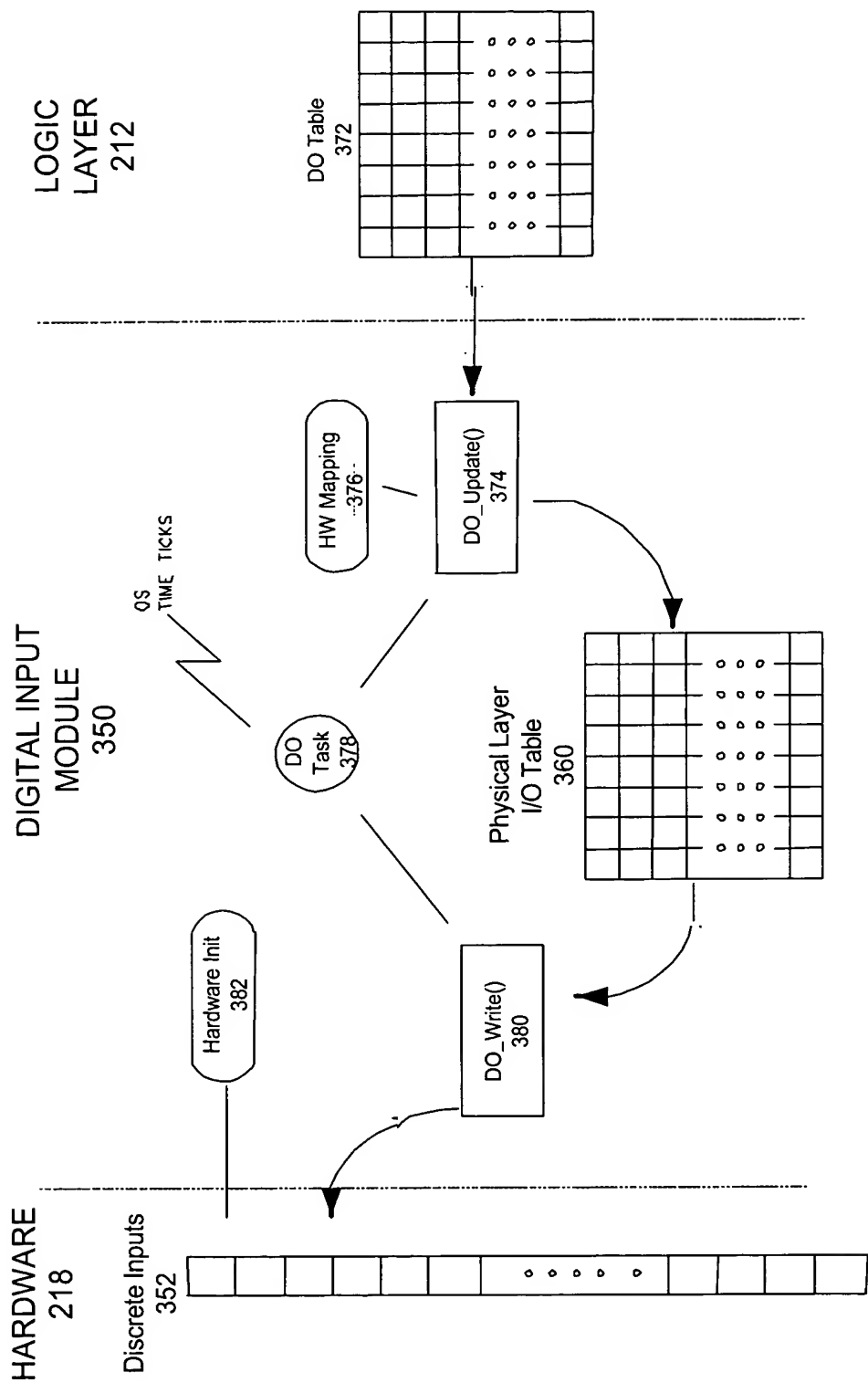


Figure 29